

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Docket Number (Optional)

5478-8A.1

Application Number

10/076,499

Applicant(s)

HIGGS, David; CAIRNS, Robert, E.; SHAND, Ian

Filing Date

February 19, 2002

Group Art Unit

1761

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CS	1.	2,371,682	Mar.20.45	Eisaman	426	635	
	2.	2,592,348	Apr.08.52	Siefker, et al.	426	600	
	3.	2,904,436	Sept.15.59	Auervach	426	635	
	4.	3,952,115	Apr.20.76	Damico, et al.	426	590	
	5.	3,965,268	Jun.22.76	Stocker, et al.	426	331	
	6.	4,233,210	Nov.11.80	Koch	530	379	
	7.	4,366,097	Dec.28.82	Cameron, et al.	530	377	
	8.	4,418,013	Nov.29.83	Cameron, et al.	530	377	
	9.	4,418,086	Nov.29.88	Marino, et al.	426	302	
	10.	4,702,924	Oct.27.87	Owens, et al.	426	92	
CS	11.	4,889,921	Dec.26.89	Diosady, et al.	530	377	

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
CS	12.	EP 1074605	07-02-2001	Europe abs				✓
	13.	DE 3927118	21-02-1991	Germany abs				✓
	14.	JP 63260885	27-10-1988	Japan abs				✓
	15.	EP 0925723	30-06-1999	Europe abs				✓
CS	16.	GB 2280348	Feb.1995	Great Britain ✓				✓

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

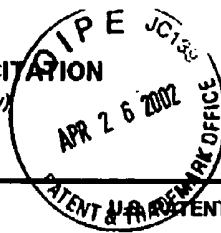
CS	1A	"FRI-71 Process" Jones, J. Amer. Oil Chem. Soc. 56 (1979) pp 716-721 - process for preparation of rapeseed and canola protein
CS	2A	Finfish Nutrition and Fishfeed Technology, Vol. 2, Heenemann Verlagsgesellschaft MbH, Berlin, pp 191-218 Higgs, et al. (1979), J.E. Halver, and K. Tiews, eds. - diets and fecals sample preparation

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ls</i>	17.	4,973,490	Nov.27.90	Holmes	426	630	
	18.	4,148,789	Apr.10.79	Kozlowska, et al	530	377	
	19.	5,086,166	Feb.04.92	Lawhon, et al.	530	378	
	20.	5,183,683	Feb.02.93	Mott, et al.	426	641	
	21.	5,622,744	Apr.22.97	Matson, et al.	426	623	
	22.	5,705,216	Jan.06.98	Tyson	426	478	
	23.	5,773,051	Jun.30.98	Kim	426	1	
	24.	5,844,086	Dec.01.98	Murray	530	377	
	25.	6,005,076	Dec.21.99	Murray	530	377	
	26.	6,254,920	Jul.03.01	Brunner	426	656	
<i>ls</i>	27.	5,727,689	Mar.17.98	Anderson, et al.	209	139.1	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>ls</i>	28.	JP 05076291	March.1993	Japan ✓ <i>ab</i>				✓
	29.	WO 9724933	Jul.17.1997	PCT ✓				✓
	30.	2,244,398	Jan.29.1997	Canada ✓				✓
	31.	2,340,640	Aug.17.99	Canada ✓				✓
<i>ls</i>	32.	2,167,951	Jan.24.96	Canada ✓				✓

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>ls</i>	3A	Silver, et al (1993) in S.J. Kaushik and P. Luquet, eds. Fish Nutrition in practice IVth International Symposium on Fish Nutrition and Feeding, INRA, Paris, pp. 459-468 - fatty acid composition determination procedure
<i>ls</i>	4A	Fenton and Fenton (1979) Can.J.Anim. Sci, 59, pp.631-634 -chromic acid concentration determination procedure

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*Snyder*

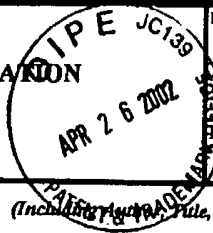
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9/20/04

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OTHER DOCUMENTS (Including Attachments, File, Date, Pertinent Pages, Etc.)

cr	5A	AOCS Official Method Ba 6-84 - concentrations of crude fibre, 1997
cr	6A	Troeng, S. (1995) J.A.O.C.S. 32, pp 124-126 - concentration of lipid
cr	7A	AOCS Official Method Ba 12-75, reapproved 1997 - measurements of trypsin inhibitor
cr	8A	AOCS Official Method Ba 9-58, reapproved 1993 - measurements of urease
cr	9A	Mwachireya, et al. (1999) Aquaculture Nutrition 5, pp 73-82 - determination of amino acid concentrations method
cr	10A	Forster, et al. (1999) Aquaculture 179, pp 109-125 - determination of phytic acid levels
cr	11A	Higgs, et al. (1982) Aquaculture 29, pp 1-31 - plasma spectroscopy
cr	12A	Duan and McGregor (1981) Glucosinolate Analysis of Rapeseed (Canola). Method of the Canadian Grain Commission Revised Edn. Grain Research Laboratory, Canadian Grain Commission, Winnipeg, Manitoba Canada - method to determine concentrations of glucosinolate
cr	13A	Himadri, et al. "Effects of formulation and processing variables on dry fish feed pellets containing fish waste" Journal of the Science of Food and Agriculture, Vol 61, pages 181-7, 1993 Elsevier Applied Science Publishers, Barking GB
cr	14A	Veldsink, "Heat Pretreatment of Oilseeds: Effect IB IUK Quality" July 1999
cr	15A	Database WPI, Section Ch, Week 1994 21 - April 28, 1994, Csernitzky K., et al. "Preparation of soil nutrient contain compost residue vegetable oil effluent sludge sunflower seed husk straw liquid manure" - XP-002185811
cr	16A	Hajen, et al. (1993) a, b Aquaculture 112, pp 321-348 - design of digestibility tanks and fecal collection procedures

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*Sample*

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3/20/04

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[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	17A	Cho et al. (1985) Finfish nutrition in Asia: methodological approaches to research and development, IDRC, Ottawa, ON Canada, pg 154 - diet and lyophilized fecal sample analysing procedures
✓	18A	Forster (1999) Aquaculture Nutrition 5, pp 143-145 - calculation of digestibility co-efficients

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**U.S. PATENT DOCUMENTS**

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	19A	Hul, Y.H.: "Bailey's Industrial Oil & Fat Products, Vol. 4 Edible Oil & Fat Products Processing Technology" 1996, John Wiley, NY, NY U.S.A., page 603-630; XP-002185810
✓	20A	M. Ristic et al., "Protein meal obtained from small fish by extrusion" ACTA Veterindria, vol. 49, no. 1, 1999, page 57-64 XP-001042120

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## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

		21A	<del>Database WPI Section WPI Section Ch. Week 198849</del> <del>Derwent Publications Ltd., London, GB Class CO4, AN 1988-349660</del>	<i>Not provided.</i>

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